

AMENDMENTS

IN THE CLAIMS

1. (Currently amended) A method of for—multicasting announcements in a communication network, the method comprising:

establishing an address in a memory;

forming an announcement; and

5 continuously broadcasting the announcement on the address.

2. (Original) The method of claim 1 further comprising communicating the address to a device, and retrieving the announcement from the address..

3. (Original) The method of claim 1 wherein the announcement is a tone.

4. (Original) The method of claim 4 wherein the tone is a call-ringing tone.

5. (Original) The method of claim 4 wherein the tone is a call-routing tone.

6. (Currently amended) A system of for providing multicasting for announcements, the system comprising:

a caller device;

a proxy coupled to the caller device;

5 a called party device, the called party device coupled to the proxy;

an announcement server, the announcement server coupled to the proxy, the

announcement server continuously broadcasting selected announcements to an address in a memory, the announcement server communicating the plurality of addresses to the proxy;
wherein the proxy communicates the address to the caller device; and
10 wherein the caller device retrieves the announcement from the address.

7. (Original) The system of claim 6 wherein the announcement is a tone.

8. (Original) The system of claim 7 wherein the tone is a ringing tone.

9. (Original) The system of claim 1 wherein the tone is a call-routing tone.

10. (Canceled)

11. (Currently amended) A method of for multicasting announcements, the method comprising:

transmitting an INVITE message to a called party device;

receiving responsively to the INVITE message, a response message from the called party

5 device, the response message including an Real Time Protocol RTP destination address; and

locating the Real Time Protocol RTP destination address and obtaining an a continuously
broadcasted announcement from the Real Time Protocol RTP destination address.

12. (Original) The method of claim 11 wherein the announcement is a call-routing tone.

13. (Original) The method of claim 11 wherein the announcement is a ringing tone.

14. (Original) The method of claim 11 wherein the response message is a “100 Trying” message.

15. (Original) The method of claim 11 wherein the response message is a “180 Ringing” message.

16. (Currently amended) A method of for multicasting announcements, the method comprising:

establishing an address;

forming a plurality of announcements;

5 continuously playing each of the plurality of announcements to a distinct address in a memory device; and

allowing multiple entities to retrieve the announcement from any of the distinct addresses.

17. (Original) The method of claim 16 wherein the announcement being played at a particular address is switched substantially immediately to another announcement.

18. (Original) The method of claim 17 wherein each of the announcements is a

tone.

19. (Currently amended) An announcement server comprising:
means for initiating the broadcasting of announcements;
means for determining an address to broadcast the announcements;
means for communicating the announcements to a proxy, the proxy communicating the
5 address to a caller device; and
means for continuously broadcasting the announcements to the address.

20. (Currently amended) A method of for determining announcements, the method
comprising:

initiating the broadcasting of announcements;
determining an address to broadcast the announcements;
5 communicating the announcements to a proxy, the proxy communicating the address to a
caller device; and
continuously broadcasting the announcements to the address.

21. (Currently amended) A system of for multicasting announcements in a
communication network, the system comprising:

means for establishing an address in a memory;
means for forming an announcement; and
5 means for continuously broadcasting the announcement on the address.

22. (Original) The system of claim 21 further comprising means for communicating the address to a device, and a means for retrieving the announcement from the address.

23. (Original) The system of claim 21 wherein the announcement is a tone.

24. (Original) The system of claim 23 wherein the tone is a call-ringing tone.

25. (Original) The system of claim 23 wherein the tone is a call-routing tone.

26. (Currently amended) A computer readable medium having stored therein instructions for causing a processing unit to execute the following method:

establishing an address in a memory;

forming an announcement; and

5 continuously broadcasting the announcement on the address.

27. (Currently amended) A computer readable medium having stored therein instructions for causing a processing unit to execute the following method:

initiating the broadcasting of announcements;

10 determining an address to broadcast the announcements;

communicating the announcements to a proxy, the proxy communicating the address to a caller device; and

8 continuously broadcasting the announcements to the address.

28. (Canceled)

29. (Canceled)